BIXOLON®

Display Installation Guide

KN10-00004A (Rev.1.2) — **CUSTOMER DISPLAY BCD-1100**

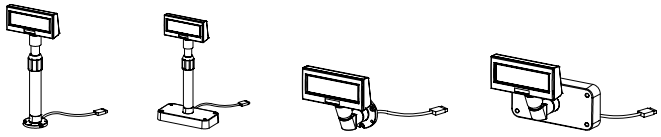
◈ Information

This Installation Guide includes a brief outline of information necessary for product installation. For more detailed installation information, please refer to the user manual in the enclosed CD. The contents of the CD include the following.

1. Manual: User Manual
2. Drivers: Windows Drivers, OPOS Drivers

We at BIXOLON maintain ongoing efforts to enhance and upgrade the functions and quality of all our products. In following, product specifications and/or user manual content may be changed without prior notice.

◈ Components



BCD-1100DN BCD-1100D BCD-1100WN BCD-1100W

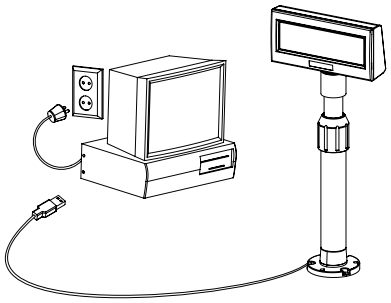
Common Components of All Products

CD

Installation Guide

Screws
M3*10, Tapping
(excluding BCD-1100D type)

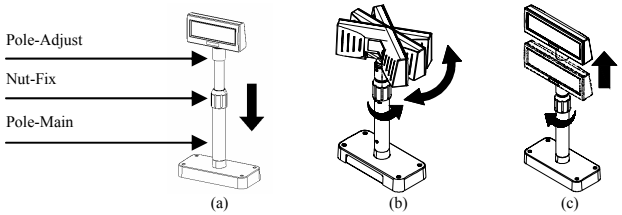
◈ Connection Type



STEP1. Connect the display cable to a computer via a USB port.
STEP2. Turning on the computer and the power supply unit leads to the automatic detection of the new hardware connected to the PC via the USB port.
STEP3. Install the USB Virtual COM driver.
STEP4. After driver installation is complete, data can be received.

◈ Rotation Function

This product allows display rotation to any position or angle desired by the user. Please adhere to the following instructions during installation to prevent possible product damage and/or malfunction. Following assembly, follow the sequence below to fix the DISPLAY in the desired position.



(a) Lower the DISPLAY UNIT in the direction of the arrow.
Rotate the NUT-FIX to allow for lowering.
(Please refer to the product OPEN/CLOSE label.)

(b) Rotate the DISPLAY UNIT to the desired angle.

※ Caution
Do not rotate the DISPLAY UNIT in any direction for more that one full revolution. (Beware as the DISPLAY UNIT can be rotated continuously.)

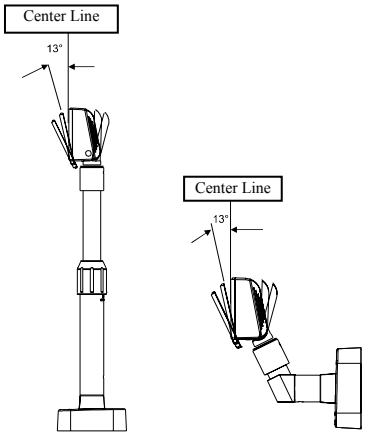
(c) After setting the DISPLAY to the desired position, secure the NUT-FIX.
(When raising the DISPLAY UNIT, lateral movement is prevented.)
Make sure to tighten the NUT-FIX after raising the DISPLAY UNIT to the desired height.

※ Caution
As excessive tightening of the NUT-FIX can result in product damage and/or malfunction, secure only to the extent that the DISPLAY UNIT is fixed and does not move.

※ Caution
As shown in figure (A), make sure to fully lower the DISPLAY UNIT before rotating. Rotation of the DISPLAY UNIT when it is not fully lowered will produce a clicking sound. This sound does not indicate any product breakage and is a result of the friction between the POLE-MAIN RIB and the rotation section within the POLE-ADJUST.

◈ Tilting Function

This product allows display tilting to any angle desired by the user. Please adhere to the following instructions during installation to prevent possible product damage and/or malfunction. The display can be angled left and right from the Center Line in 13° angle intervals for a total of 4 steps, 5 positions. (Angling: 52°max.)



◈ Setting the DIP Switches

DIP switch settings can be read only when the power is on.
Therefore, any changes to the settings when the power is on do not take effect.

1. DIP Switch #1 Function (RS-232 Serial Input Setting)

No.	Function	Switch OFF	Switch ON
1	Default Setting	DIP Switch Values	EEP-ROM Data Leading
2	Reserved	-	-
3	Display Vewing Side	Customer Side	Operator Side
4	Self-Test Execution	Does not execute	Executes

5~8 Emulation

5	6	7	8	Emulation	5	6	7	8	Emulation
0	0	0	0	Samsung VFD	1	0	0	0	NCR Real POS
0	0	0	1	Epson ESC/POS	1	0	0	1	PD6000
0	0	1	0	ADM787/788	1	0	1	0	ICD2002
0	0	1	1	DSP800	1	0	1	1	Reserved
0	1	0	0	AEDEX	1	1	0	0	Reserved
0	1	0	1	UTC Standard	1	1	0	1	Reserved
0	1	1	0	UTC Enhance	1	1	1	0	Reserved
0	1	1	1	CD5220	1	1	1	1	Reserved

("0" : S/W OFF, "1" : S/W ON)

2. DIP Switch #2 Function

No.	Function	Switch OFF	Switch ON
1	Data Length	8 Bits	7 Bits
2	Parity using	None Parity	Parity
3	Parity Selection	Odd	Even

4~6 Transmit Speed

4	5	6	Transmit Speed	4	5	6	Transmit Speed
0	0	0	9,600 bps	1	0	0	115,200 bps
0	0	0	4,800 bps	1	0	1	57,600 bps
0	1	1	2,400 bps	1	1	0	38,400 bps
0	1	0	1,200 bps	1	1	1	19,200 bps

("0" : S/W OFF, "1" : S/W ON)

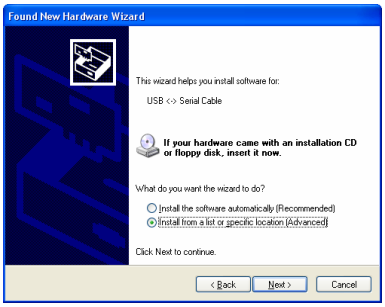
7~8	Reserved	-	-

◈ Virtual COM Driver Installation

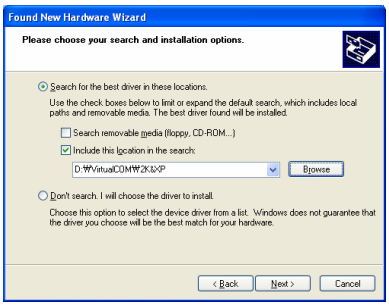
The **PC** requires software installation when it detects new hardware connected to a **USB** Port.
First, connect the **BCD-1100DU/WU (USB)** to the **PC USB** Port and install the software, setting the conditions as shown below.

1. Connect the **BCD-1100DU/WU(USB)** to the **PC USB** Port.
   The **Found New Hardware** message will appear.

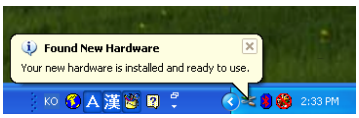
2. Select **Install from a list or specific location (Advanced)**.


Found New Hardware Wizard
This wizard helps you install software for:
USB <-> Serial Cable
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

3. Select the location, **VirtualCOM₩2K&XP** by browsing, and click **Next**.

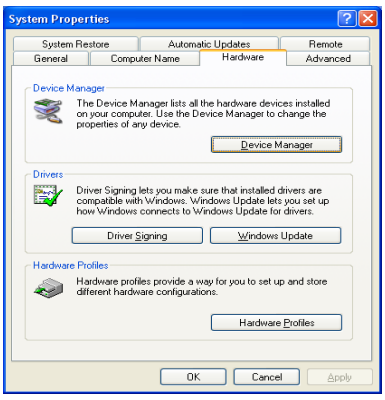

Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
D:₩VirtualCOM₩2K&XP
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

4. The **Found New Hardware** message appears again at the bottom right of the screen, **PC Found New Hardware (USB Serial Port)**, when it is completed.

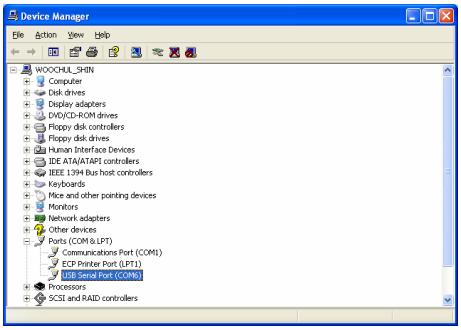


5. Repeat steps 1)~3) again in the **Found New Hardware Wizard**. Installation is performed twice.

6. Open the **Device Manager (Start > Control Panel > System > Hardware > Device Manager)**

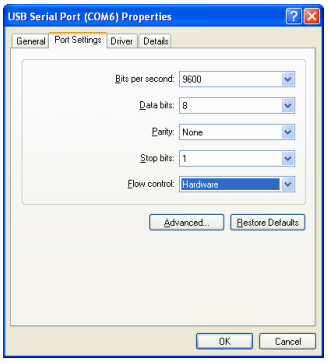

System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel
Apply

7. Select **USB Serial Port (COM x)** and right-click. Then select **Properties**.
   The **COM** port is automatically numbered, and it varies according to **PC** port occupation conditions.

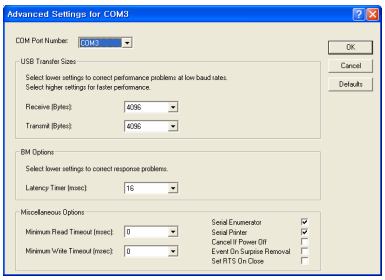


8. Set the **Serial** communication conditions and select **Advanced**.

   8-1. The **preset Serial** conditions are **9600 bps, 8 data bits, parity none, and flow control hardware**.
   8-2. These conditions must be identical to the **Master** settings and application program **Serial** settings.



9. Check the boxes of the **Serial Enumerator** and the **Serial Printer**, and then select **OK**. The **Virtual COM** driver is now successfully installed.
   (The **Serial Enumerator** and **Serial Printer** boxes are not found in **Windows 98**)



◈ WEEE (Waste Electrical and Electric Equipment)

This marking shown on the product or its literature, indicates that is should not be disposed with other household wastes at the end of its working life, To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

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BIXOLON®

Guide d'installation du dispositif d'affichage

DISPOSITIF D'AFFICHAGE CLIENT BCD-1100

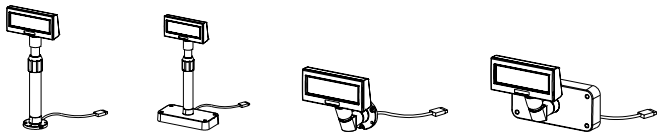
◈ Information

Ce guide d'installation comprend de brèves informations nécessaires à l'installation du produit. Pour des informations plus détaillées concernant l'installation, veuillez vous reporter au manuel d'utilisation disponible sur le CD fourni. Le contenu du CD est le suivant..

1. Manuel : Manuel d'utilisation
2. Pilotes : Pilotes Windows, pilotes Système d'exploitation

Nous, BIXOLON, poursuivons sans cesse nos efforts afin d'améliorer et de mettre à jour les fonctions et la qualité de tous nos produits. Dans le présent manuel, les caractéristique et / ou le contenu du manuel d'utilisation peut être modifié sans avis préalable.

◈ Composants



BCD-1100DN BCD-1100D BCD-1100WN BCD-1100W

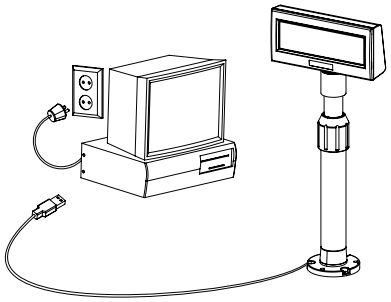
Composants communs à tous les produits

CD

Guide d'installation

Vis
M3*10, vis-taraud
(Sauf pour le modèle BDC-1100D)

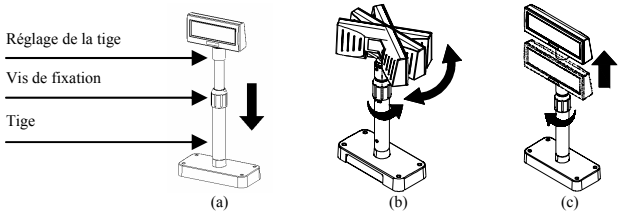
◈ Connexion Type



ETAPE 1. Connectez le câble de l'écran à un ordinateur au moyen d'un port USB.
ETAPE 2. La mise sous tension de l'ordinateur et du bloc d'alimentation conduit à la détection automatique du nouveau matériel connecté au PC au moyen du port USB.
ETAPE 3. Installez le pilote COM virtuel USB.
ETAPE 4. Une fois l'installation du pilote terminée, vous pouvez recevoir des données.

◈ Fonction de rotation

Ce produit est conçu pour être tourné dans la direction souhaitée. Suivre les consignes ci-dessous afin de vous assurer que ce produit est correctement utilisé ainsi qu'afin d'éviter tout dommage. Après avoir monté le produit, suivre les étapes indiquées par les images ci-dessous afin d'orienter le dispositif d'affichage dans une position souhaitée.



(a) Baisser l'unité d'affichage dans le sens de la flèche.
Tourner la vis de fixation afin de pouvoir baisser l'unité d'affichage.
(Se reporter aux marques OUVRIR/FERMER du produit)

(b) Tourner l'unité d'affichage dans l'angle souhaité.

※ Attention
Ne pas tourner l'unité d'affichage plus d'un tour complet.
(Prendre soin que l'unité d'affichage ne soit pas constamment tournée.)

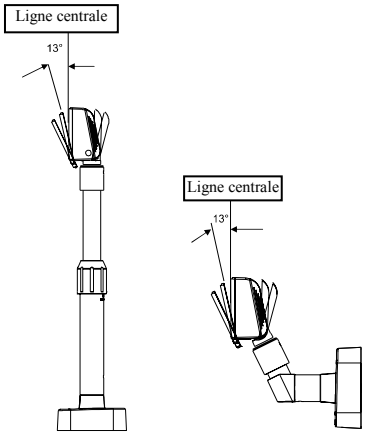
(c) Une fois l'unité d'affichage positionnée dans la direction souhaitée, resserrer doucement la vis de fixation. (Il est impossible de tourner l'unité, lorsdque cette dernière est montée). Une fois l'unité d'affichage positionnée à la hauteur souhaitée, resserrer doucement la vis de fixation.

※ Attention
Trop serrer la vis de fixation peut entraîner des dommanges ainsi que des dysfonctionnements. Serrer suffisamment la vis de fixation afin que l'unité d'affichage soit correctement maintenue.

※ Attention
Comme indiqué sur le schéma (a), tourner l'unité d'affichage après l'avoir baissée au maximum. Un clic surviendra lorsque l'unité d'affichage sera tournée alors qu'elle n'est pas baissée au maximum. Ce son ne signifie que l'unité a été endommagée, il émane du contact entre le mécanisme et les nervures de la tige. Si l'unité d'affichage est baissée au maximum, on n'entendra aucun bruit lors de sa rotation.

◈ Fonction d'inclinaison

Le produit est conçu pour être tourné dans la direction souhaitée. Suivre les consignes ci-dessous afin de vous assurer que ce produit est correctement utilisé ainsi qu'afin d'éviter tout dommage. L'unité d'affichage peut s'incliner d'intervalles à 13° à partir de la ligne centrale en quatre étapes maximum ou cinq positions. (Inclinaison : 52° max.)



◈ Paramétrage des commutateurs DIP

Les paramètres du commutateur DIP peuvent uniquement être lus sous tension. Tout changement de paramètres sous tension ne prend donc pas effet.

1. Fonction du commutateur DIP n°1 (Paramétrage de l'entrée série RS-232)

N°	Fonction	Eteint	Allumé
1	Paramétrage initial	Valeur du commutateur DIP	Interlignage des données EEP-ROM
2	Réservé	-	-
3	Direction d'affichage	Vers le client	Vers l'opérateur
4	Autotest	Désactivé	Activé

5~8 Emulation

5	6	7	8	Emulation	5	6	7	8	Emulation
0	0	0	0	VFD Samsung	1	0	0	0	POS réel NCR
0	0	0	1	Epson ESC/POS	1	0	0	1	PD6000
0	0	1	0	ADM787/788	1	0	1	0	ICD2002
0	0	1	1	DSP800	1	0	1	1	Réservé
0	1	0	0	AEDEX	1	1	0	0	Réservé
0	1	0	1	Standard UTC	1	1	0	1	Réservé
0	1	1	0	Amélioré UTC	1	1	1	0	Réservé
0	1	1	1	CD5220	1	1	1	1	Réservé

("0" : S/W OFF, "1" : S/W ON)

2. Fonction du commutateur DIP n°2

N°	Fonction	Eteint	Allumé
1	Paquet de données	8 Bit	7 Bit
2	Parité	Aucune parité	Parité
3	Sélection de la parité	Impaire	Paire

4~6 Vitesse d'émission

4	5	6	Vitesse d'émission	4	5	6	Vitesse d'émission
0	0	0	9,600 bps	1	0	0	115,200 bps
0	0	0	4,800 bps	1	0	1	57,600 bps
0	1	1	2,400 bps	1	1	0	38,400 bps
0	1	0	1,200 bps	1	1	1	19,200 bps

("0" : S/W OFF, "1" : S/W ON)

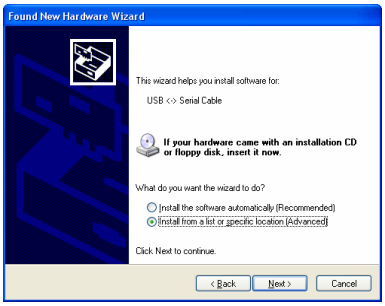
7~8	Réservé	-	-

◈ Installation du pilote COM virtuel

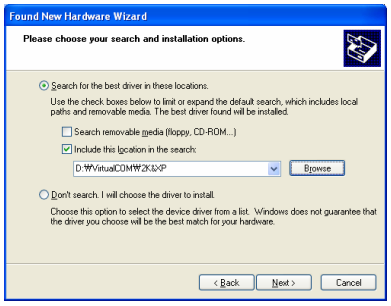
Le PC requiert l'installation di logiciel lorsqu'il détecte un nouveau matériel connecté à un port USB.
D'abord, brancher le **BCD-1100DU/WU(USB)** au **port USB** du **PC** puis installer le logiciel, en paramétrage les conditions comme indiqué ci-dessous.

1. Brancher le **BCD-1100DU/WU(USB)** au **port USB** du **PC.**
   Le message **Found New Hardware** apparaîtra.

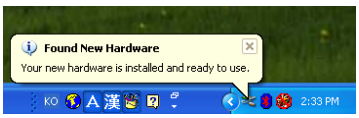
2. Sélectionnez **Install from a list or specific location (Advanced).**


Found New Hardware Wizard
This wizard helps you install software for:
USB <-> Serial Cable
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

3. Sélectionnez l'emplacement **VirtualCOM₩2K&XP** avec le **Navigateur** puis sélectionnez **Next.**

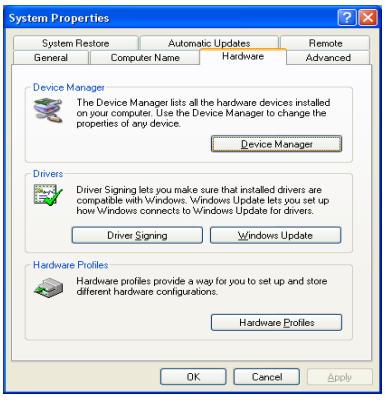

Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
D:₩VirtualCOM₩2K&XP
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

4. Le message **PC Found New Hardware** apparaîtra une nouvelle fois en bas à droite de l'écran, **PC Found New Hardware (USB Serial Port),** lorsque l'installation sera terminée.

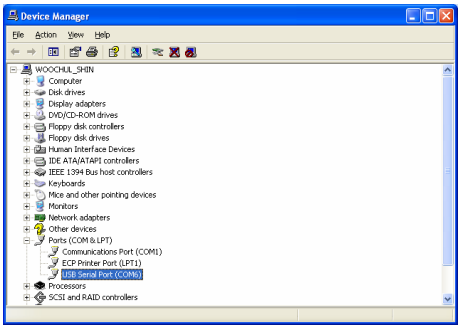


5. Répéter les étapes 1)-3) de l'assistant du **Found New Hardware Wizard**. L'installation a lieu à deux reprises.

6. Ouvrez **Device Manager (Start > Control Panel > System > Hardware > Device Manager)**.

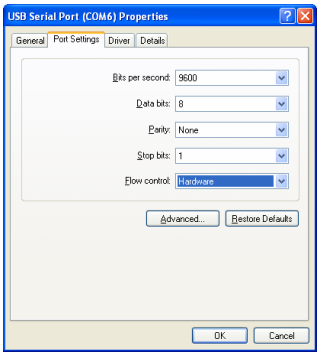

System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel
Apply

7. Sélectionner **USB Serial Port(COM x)** puis cliquer droit.
   Puis sélectionnez **Properties**. Le port COM est automatiquement recensé. Ce recensement diffère selon les conditions d'exploitation du port du PC.

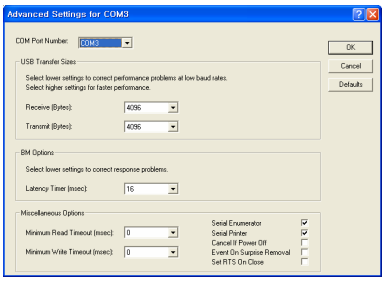


8. Paramétrez les conditions de communications du Série puis sélectionnez **Advanced**.

   8-1. Les conditions du Série préparamétrées sont 9600 bps, data bit 8, aucune parité, commande de flux du matériel.
   8-2. Ces conditions doivent être identiques au paramétrage Maître et au paramétrage du programme Série.



9. Cocher les cases de **Serial Enumerator** et de **Serial Printer**, puis sélectionner **OK**. Le pilote COM virtuel a été installé avec succès.
   (Les cases de **Serial Enumerator** et **Serial Printer** n'existent pas sous Windows 98.)



◈ WEEE (Waste Electrical and Electric Equipment)

L'indication que comportent le produit ou son étiquette, signifie qu'il ne doit pas être traité avec les autres déchets domestiques, lorsqu'il ne sera plus utilisable. Son utilisateur devra le séparer d'autres types de déchets pour son recyclage, afin d'empêcher que son mauvais traitement ne nuise à l'environnement ou à la santé publique, ce qui contribuera à la réutilisation durable de ressources. Pour un produit à usage domestique, il faut contacter le point de vente où vous avez acheté votre produit, ou les autorités locales, pour vous renseigner sur les décharges où le produit usé doit être mis, dans le cadre de sa réutilisation assurant la sécurité environnementale. Pour un produit à usage industriel, il faut appeler son fournisseur pour vérifier les conditions de vente. Une fois usé, ce produit ne doit pas être traité avec les autres déchets industriels et commerciaux.

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BIXOLON®

Guía de instalación del visor

VISOR DEL CLIENTE BCD-1100

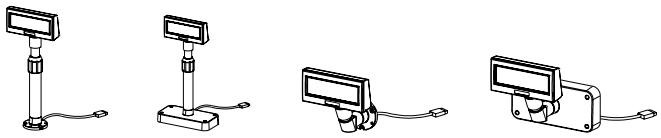
◈ Información

Esta Guía de instalación incluye un breve resumen de la información necesaria para la instalación del producto. Para obtener información de instalación más detallada, consulte el manual del usuario que se encuentra en el CD adjunto. Los contenidos del CD incluyen lo siguiente.

1. Manual: Manual del usuario
2. Controladores: Controladores para Windows, Controladores OPOS

En BIXOLON mantenemos esfuerzos continuos para mejorar y actualizar las funciones y la calidad de todos nuestros productos. En lo sucesivo, las especificaciones del producto y/o el contenido del manual del usuario pueden modificarse sin previo aviso.

◈ Componentes



BCD-1100DN BCD-1100D BCD-1100WN BCD-1100W

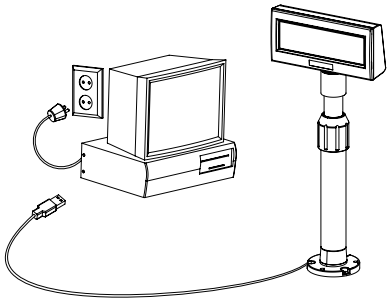
Componentes comunes a todos los productos

CD

Guía de instalación

Tornillos
M3*10, Roscado
(excepto el tipo BCD-1100D)

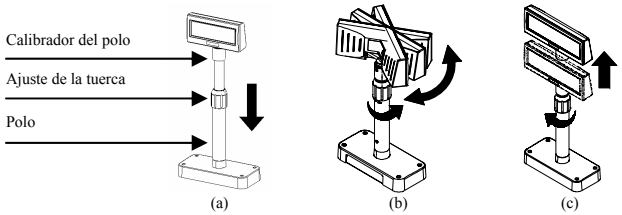
◈ Conexión Tipo



PASO1. Conecte el cable del visor a una computadora por medio de un puerto USB.
PASO2. Al encender la computadora y la unidad de suministro de energía el nuevo hardware conectado a la PC por medio del puerto USB se detecta automáticamente.
PASO3. Instale el controlador virtual COM USB.
PASO4. Después de completar la instalación del controlador se pueden recibir datos.

◈ Función de rotación

Este producto se puede rotar hacia la posición que desee. Siga las instrucciones a continuación para asegurar que el producto se use adecuadamente y no se dañe. Después de armar el producto, siga los pasos de los dibujos a continuación para fijar el visor en una posición determinada.



(a) Baje el visor en el sentido de la flecha.
Gire el ajuste de la tuerca para permitir que el visor baje.
(Observe las marcas ABRIR/CERRAR del producto)

(b) Gire el visor hasta el ángulo deseado.

✱ Advertencia
No gire el visor en la misma dirección por más de una vuelta.
(Tenga cuidado porque el visor se puede girar continuamente.)

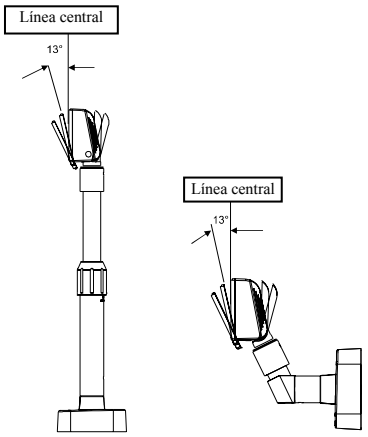
(c) Después de colocar el visor en el ángulo deseado, ajuste levemente la tuerca.
(Cuando se levante el visor, se evita el movimiento lateral.)
Después de colocar el visor a la altura deseada, ajuste completamente la tuerca.

✱ Advertencia
Ajustar demasiado la tuerca puede ocasionar daños y otros problemas.
Ajústela de modo que el visor esté seguro.

✱ Advertencia
Como se muestra en la figura (a), gire el visor una vez que lo bajó completamente.
Si lo hace cuando todavía no está bien abajo, se producirá un chasquido. Este sonido no indica ningún daño y se produce a partir del contacto entre los mecanismos de giro y la varilla del interior del polo. Si el visor se bajó por completo, no se producirá este sonido cuando lo gire.

◈ Función de inclinación

Este producto se puede inclinar en el ángulo que desee. Siga las instrucciones a continuación para asegurar que el producto se use adecuadamente y no se dañe.
El visor puede inclinarse en intervalos de 13° desde la línea central hasta un máximo de cuatro fases, o cinco posiciones. (Inclinación: máx. 52°)



◈ Cómo configurar los interruptores DIP

La configuración de los interruptores DIP puede leerse sólo cuando se conecta la energía. Por lo tanto, cualquier cambio que se realiza en la configuración cuando la computadora está encendida no tiene efecto.

1. Función del interruptor DIP #1 (RS-232 Configuración de la entrada en serie)

No.	Función	Interruptor APAGADO	Interruptor ENCENDIDO
1	Configuración inicial	Valor del interruptor DIP	Almacenamiento de datos EEP-ROM
2	Reservado	-	-
3	Dirección del visor	Hacia el cliente	Hacia el operador
4	Autoevaluación	Desactivada	Activada

5~8 Emulación

5	6	7	8	Emulación	5	6	7	8	Emulación
0	0	0	0	Samsung VFD	1	0	0	0	NCR Real POS
0	0	0	1	Epson ESC/POS	1	0	0	1	PD6000
0	0	1	0	ADM787/788	1	0	1	0	ICD2002
0	0	1	1	DSP800	1	0	1	1	Reservado
0	1	0	0	AEDEX	1	1	0	0	Reservado
0	1	0	1	UTC Standard	1	1	0	1	Reservado
0	1	1	0	UTC Enhance	1	1	1	0	Reservado
0	1	1	1	CD5220	1	1	1	1	Reservado

("0" : Software APAGADO, "1" : Software ENCENDIDO)

2. Función del interruptor DIP #2

No.	Función	Interruptor APAGADO	Interruptor ENCENDIDO
1	Paquete de datos	8 Bits	7 Bits
2	Paridad	No hay paridad	Paridad
3	Selección de paridad	Impar	Par

4~6 Transmitir velocidad

4	5	6	Transmitir velocidad	4	5	6	Transmitir velocidad
0	0	0	9.600 bps	1	0	0	115.200 bps
0	0	0	4.800 bps	1	0	1	57.600 bps
0	1	1	2.400 bps	1	1	0	38.400 bps
0	1	0	1.200 bps	1	1	1	19.200 bps

("0" : Software APAGADO, "1" : Software ENCENDIDO)

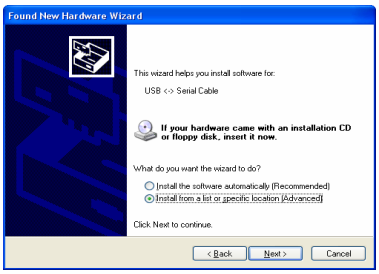
7~8	Reservado	-	-

◈ Instalación del controlador virtual COM

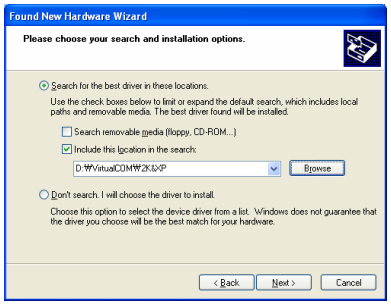
La **PC** requiere de la instalación de un software cuando detecta un nuevo hardware conectado a un Puerto **USB**. Primero, conecte el **BCD-1100DU/WU(USB)** al Puerto **USB** de la **PC** e instale el software, luego configure las condiciones como se muestra a continuación.

1. Conecte el **BCD-1100DU/WU(USB)** al Puerto **USB** de la **PC**.
   Aparecerá el mensaje **Found New Hardware**.

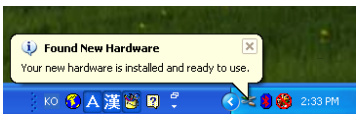
2. Seleccione **Install from a list or specific location (Advanced)**.


Found New Hardware Wizard
This wizard helps you install software for:
USB <-> Serial Cable
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

3. Seleccione la ubicación **VirtualCOM₩2K&XP** mediante Examinar y seleccione **Next**.

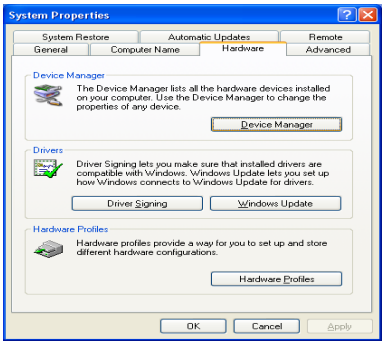

Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
D:₩VirtualCOM₩2K&XP
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

4. El mensaje **Found New Hardware** vuelve a aparecer en la parte inferior derecha de la pantalla, **PC Found New Hardware (USB Serial Port)**, cuando se termina.

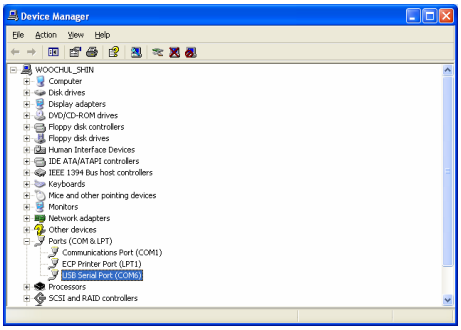


5. Repita los pasos del 1) al 3) en el **Found New Hardware Wizard**. La instalación se ejecuta dos veces.

6. Abra el **Device Manager (Start > Control Panel > System > Hardware > Device Manager)**.

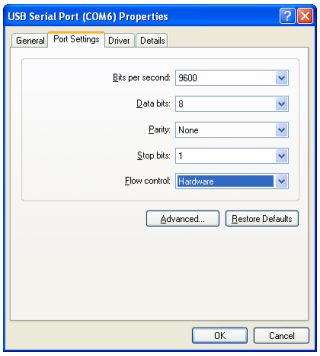

System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel
Apply

7. Seleccione **USB Serial Port(COM x)** y haga clic con el botón derecho. Luego seleccione **Properties**.
   El puerto **COM** es enumerado automáticamente y varía según las condiciones de la ocupación del puerto de la **PC**.

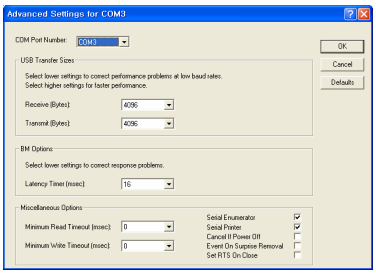


8. Configure las condiciones de comunicación **Serie** y seleccione **Advanced**.

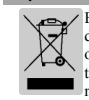
   8-1. Las condiciones **Serie preestablecidas** son **9600 bps**, **8 bits de datos**, **ninguna paridad**, **control de flujo del hardware**.
   8-2. Estas condiciones deben ser idénticas a la configuración **Maestro** y a la configuración **Serie** del programa de aplicación.



9. Marque las casillas del **Serial Enumerator** y de la **Serial Printer** luego seleccione **OK**.
   El controlador **Virtual COM** se ha instalado con éxito.
   (Las casillas **Serial Enumerator** e **Serial Printer** no se encuentran en **Windows 98**.)



◈ WEEE (Waste Electrical and Electric Equipment)



Esta marca mostrada sobre el producto, indica que este no debería ser mezclado junto con otros desechos de uso doméstico al final de su vida laboral. Para prevenir el posible daño medioambiental o de salud humana en la recogida de basura incontrolada, por favor separe este producto de otros tipos de desechos y recíclelo con responsabilidad para promover la reutilización de recursos materiales. El usuario final del producto debería ponerse en contacto con el distribuidor donde ha realizado la compra del producto, ó con su oficina de administración local, para que le informen dónde y cómo ellos pueden hacer el reciclaje ecológico seguro y adecuado. Los empresarios deberían ponerse en contacto con su proveedor y comprobar los términos y las condiciones del contrato de compra. Este producto no debería ser mezclado con otros desechos comerciales.

☎ BIXOLON Co., Ltd.

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BIXOLON®

Manual de instalação do visor

VISOR DO CLIENTE BCD-1100

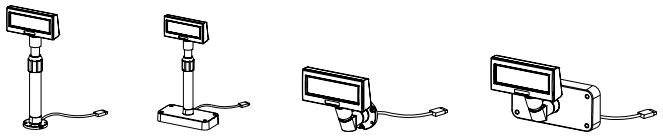
◈ Informações

Este manual de instalação inclui uma breve referência a informações necessárias para instalação do produto. Para obter informações mais detalhadas acerca da instalação, consulte o manual do utilizador contido no CD incluso. Os conteúdos do CD incluem o seguinte:

1. Manual: Manual do utilizador
2. Controladores: Controladores do Windows e do OPOS

Nós, na BIXOLON tentamos melhorar constantemente e actualizar as funções e qualidade dos nossos produtos. Deste modo, as especificações do produto e/ou o conteúdo do manual poderá ser alterado sem aviso prévio.

◈ Componentes



BCD-1100DN BCD-1100D BCD-1100WN BCD-1100W

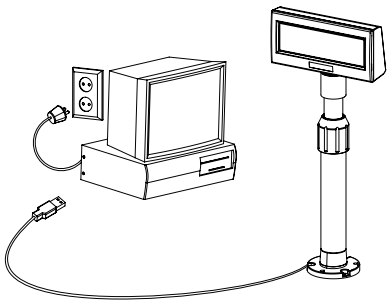
Componentes semelhantes de todos os produtos

CD

Manual de instalação

Parafusos
M3*10, de toque
(excluindo o tipo BCD-1100D)

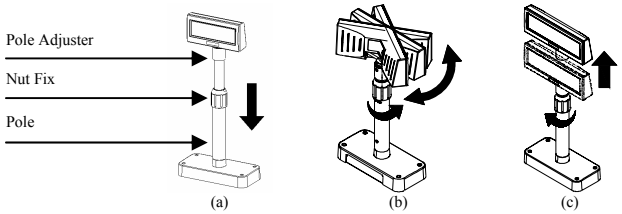
◈ Connexion tipo



PASSO1. Ligue o cabo do monitor a um computador através de uma porta USB.
PASSO2. Ligue os fios condutores do computador e da unidade da fonte de alimentação à detecção automática do novo hardware ligado ao PC através de uma porta USB.
PASSO3. Instale o controlador USB Virtual COM.
PASSO4. Depois da instalação do controlador estar concluída, será possível receber os dados.

◈ Função de rotação

Este produto pode ser rodado para a posição pretendia. Observe as direcções abaixo para assegurar que o produto está a ser utilizado correctamente e não está danificado. Depois de montar o produto, siga os passos indicados nas imagens para fixar o visor numa determinada posição.



(a) Baixe a unidade de visualização na direcção da seta.
Rode a porca de fixação para permitir que a unidade de visualização seja baixada.
(Consulte os símbolos ABRIR/FECHAR do produto)

(b) Rode a unidade de visualização para o ângulo pretendido.

※ Atenção
Não rode a unidade de visualização numa direcção para mais do que uma revolução.
(Tenha em atenção que a unidade de visualização pode ser rodada de forma contínua.)

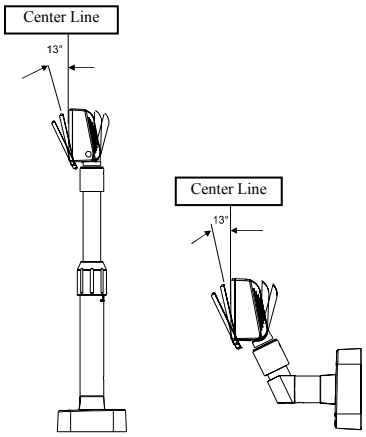
(c) Depois de definir a unidade de visualização para o ângulo pretendido, aperte ligeiramnete a fixação da porca. (Quando levantar o visor, o movimento lateral não é realizado.) Depois de definir a unidade de visualização para o ângulo pretendido, aperte totalmente a fixação da porca.

※ Atenção
Se apertar excessivamente a fixação do parafuso, pode provocar danos e outros problemas.
Aperte a fixação do parafuso para um grau suficiente onde a unidade de visualização esteja segura.

※ Atenção
Como a figura (a) mostra, rode a unidade de visualização depois de a baixar ao máximo. Rode a unidade de visualização quando não estiver baixada para o máximo, enquanto produz o som de um clique. Este som não indica qualquer dano e é fruto do contacto entre o mecanismo de rotação e as nervuras localizadas dentro do pólo. Quando a unidade de visualização é baixada na totalidade, este som não será produzido quando a roda.

◈ Função de inclinação

Este produto pode ser inclinado para a posição pretendia. Observe as direcções abaixo para assegurar que o produto está a ser utilizado correctamente e não está danificado.
A unidade de visualização pode ser inclinada em intervalos de 13° a partir da linha central até a um máximo de quatro fases ou cinco posições. (Inclinação: máximo de 52°)



◈ Definir os interruptores DIP

As definições do interruptor DIP estão prontas apenas quando o dispositivo está ligado. Desta forma, qualquer alteração nas definições realizada quando o dispositivo está ligado não terá qualquer efeito.

1. Função do interruptor DIP #1 (definição de entrada série RS-232)

Número	Função	Interruptor DESLIGADO	Interruptor LIGADO
1	Definição inicial	Valor do interruptor DIP	Extremidade de dados EEP-ROM
2	Reservado	-	-
3	Direcção de visualização	Na direcção do cliente	Na direcção do operador
4	Teste automático	Desactivada	Activada

5~8 Emulação

5	6	7	8	Emulação	5	6	7	8	Emulação
0	0	0	0	VFD Samsung	1	0	0	0	Real POS NCR
0	0	0	1	Epson ESC/POS	1	0	0	1	PD6000
0	0	1	0	ADM787/788	1	0	1	0	ICD2002
0	0	1	1	DSP800	1	0	1	1	Reservado
0	1	0	0	AEDEX	1	1	0	0	Reservado
0	1	0	1	Norma UTC	1	1	0	1	Reservado
0	1	1	0	Melhoramento UTC	1	1	1	0	Reservado
0	1	1	1	CD5220	1	1	1	1	Reservado

("0" : S/W DESLIGADO, "1" : S/W LIGADO)

2. Função do interruptor DIP #2

Número	Função	Interruptor DESLIGADO	Interruptor LIGADO
1	Pacote de dados	8 Bits	7 Bits
2	Paridade	Sem paridade	Paridade
3	Selecção da paridade	Ímpar	Uniforme

4~6 Velocidade de transmissão

4	5	6	Velocidade de transmissão	4	5	6	Velocidade de transmissão
0	0	0	9,600 bps	1	0	0	115,200 bps
0	0	0	4,800 bps	1	0	1	57,600 bps
0	1	1	2,400 bps	1	1	0	38,400 bps
0	1	0	1,200 bps	1	1	1	19,200 bps

("0" : S/W DESLIGADO, "1" : S/W LIGADO)

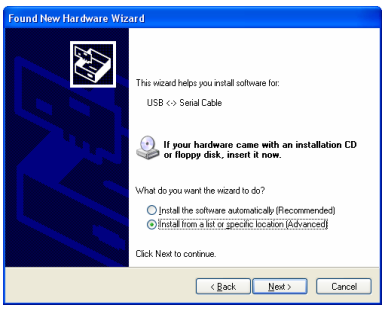
7~8	Reservado	-	-

◈ Instalação do controlador COM virtual

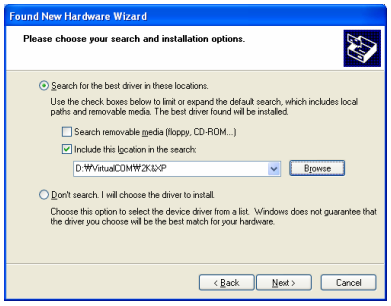
O PC necessita de instalação de software quando detecta novo hardware ligado à porta **USB**.
Primeiro, ligue o **BCD-1100DU/WU(USB)** à porta USB do PC e instale o software, definido as condições como mostrado abaixo.

1. Ligue o **BCD-1100DU/WU(USB)** à porta **USB** do **PC**.
   Aparece a mensagem **Found New Hardware** (Novo hardware encontrado).

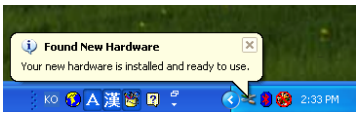
2. Seleccione **Install from a list or specific location (Advanced)** (Instalar a partir de uma lista ou localização específica (Avançada).


Found New Hardware Wizard
This wizard helps you install software for:
USB <-> Serial Cable
If your hardware came with an installation CD or floppy disk, insert it now.
What do you want the wizard to do?
Install the software automatically (Recommended)
Install from a list or specific location (Advanced)
Click Next to continue.
< Back
Next >
Cancel

3. Select the location, **VirtualCOM₩2K&XP** by browsing, and click **Next**.

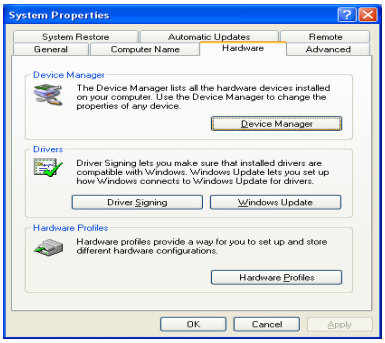

Found New Hardware Wizard
Please choose your search and installation options.
Search for the best driver in these locations.
Use the check boxes below to limit or expand the default search, which includes local paths and removable media. The best driver found will be installed.
Search removable media (floppy, CD-ROM...)
Include this location in the search:
D:₩VirtualCOM₩2K&XP
Browse
Don't search. I will choose the driver to install.
Choose this option to select the device driver from a list. Windows does not guarantee that the driver you choose will be the best match for your hardware.
< Back
Next >
Cancel

4. A mensagem **Found New Hardwar**e (Novo hardware encontrado) volta a aparecer no canto inferior direito do ecrã, **PC Found New Hardware (USB Serial Port)** (Novo hardware encontrsdo para PC (Porta série USB), quando a operação está concluída.

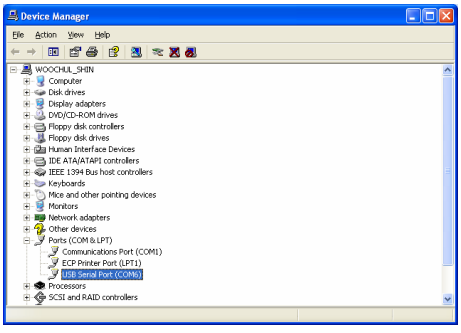


5. Volte a repetir os passos 1) a 3) no **Found New Hardware Wizard** (Assistente de novo hardware encontrado). A instalação é realizada duas vezes.

6. Abra o **Device Manager (**Gestor de dispositivos) **>Start (**Iniciar) **> Control Panel** (Painel de controlo) **> System** (Sistema) > **Hardware > Device Manager** (Gestor de dispositivos).

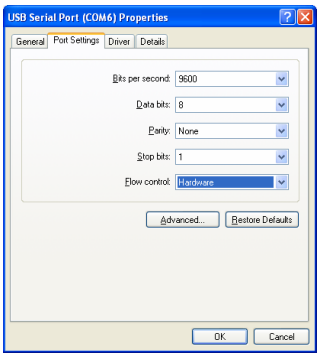

System Properties
System Restore
Automatic Updates
Remote
General
Computer Name
Hardware
Advanced
Device Manager
The Device Manager lists all the hardware devices installed on your computer. Use the Device Manager to change the properties of any device.
Device Manager
Drivers
Driver Signing lets you make sure that installed drivers are compatible with Windows. Windows Update lets you set up how Windows connects to Windows Update for drivers.
Driver Signing
Windows Update
Hardware Profiles
Hardware profiles provide a way for you to set up and store different hardware configurations.
Hardware Profiles
OK
Cancel
Apply

7. Seleccione **USB Serial Port (COM x)** (Porta série USB) e clique com o botão direito do rato. A seguir, seleccione **Properties** (Propriedades). A porta **COM** é numerada automaticamente e varia consoante as condições de ocupação da porta do **PC.**

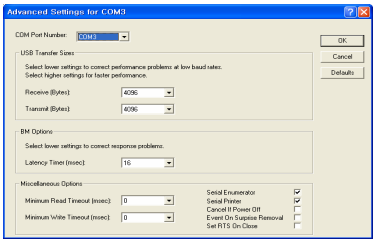


8. Defina as comunicações em **série** e seleccione **Advanced** (Avançadas).

   8-1. As **condições série** prdefinidas são **9600 bps, 8 bits de dados, sem paridade e hardware de controlo de fluxo**.
   8-2. Estas condições têm de ser semelhantes às definições **Master** e às definições **série** do programa.



9. Marque as caixas do **Serial Enumerator** (Enumerador série) e **Serial Printer** (Impressora série) e, de seguida, seleccione **OK**. O controlador **Virtual COM** foi instalado com sucesso .
   (As caixas **Serial Enumerator** e **Serial Printer** não se encontram no **Windows 98**.)



◈ WEEE (Waste Electrical and Electric Equipment)

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